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STEREOSCOPIC VIDEO IMAGE PICKUP DEVICE

Publication Number: 04-096493 (JP 4096493 A) , March 27, 1992

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Application Number: 02-212604 (JP 90212604) , August 10, 1990

International Class (IPC Edition 5):

- H04N-013/02
- G03B-035/04
- G03B-035/20

JAPIO Class:

- 44.6 (COMMUNICATION--- Television)
- 29.1 (PRECISION INSTRUMENTS--- Photography & Cinematography)
- 36.1 (LABOR SAVING DEVICES--- Industrial Robots)

Abstract:

PURPOSE: To obtain a stereoscopic video without a sense of incompatibility by a pair of video cameras by recording the photographic outputs of the video cameras on first and second optical axes.

CONSTITUTION: The photographic output of the video camera on a first optical axis Pr and the photographic output of the video camera on a second optical axis Pl are respectively recorded. A video camera 3 photographs an object 1 while moving back and forth along the right optical axis Pr, and the photographic output is recorded by a VTR. Next, the video camera 3 photographs the objects while moving along the left optical axis Pl similarly to the movement on the optical axis Pr, and the photographic output is recorded by the VTR. The video camera 3 is controlled by a robot 6 so as to similarly moved on these optical axes Pr and Pl. Thus, the stereoscopic video can be obtained by a pair of the video camera 3 and the VTR. (From: *Patent Abstracts of Japan*, Section: E, Section No. 1235, Vol. 16, No. 326, Pg. 37, July 16, 1992)

JAPIO

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Dialog® File Number 347 Accession Number 3731393